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A support for a cartridge for transferring an electronically readable item of information from the cartridge to an electronic circuit

Abstract:

The invention relates to: A support (15) for a cartridge (10) provided with one or more electronically readable information carrying areas (121, 122, 123, 124, 125, 126, 127). The invention further relates to the use of a composite material for a support. The object of the present invention is to provide means, which are capable of securely transferring information with an increased density from a cartridge to an electronic circuit, and which are flexible and may be customized to a variety of physical designs. The problem is solved in that the support (15) for the cartridge (10) is at least partially constituted by one or more electrically connecting supports (151), each comprising a number of closely spaced mutually electrically insulated conductors (1511) embedded in an electrically insulating material (1512, 155) that stretches from one of the supporting surfaces of the cartridge to a contact area (163) for receiving and transferring the information, when said cartridge (10) is positioned in said support (15). This has the advantage of providing a flexible solution, allowing a large information density on a cartridge to be safely transferred to an electronic circuit. The invention may be used e.g. in connection with replaceable medication cartridges for medication delivery devices and with other cartridges from which an item of information is to be electronically transferred.

(Fig. 1 should be published)